1870 ISIZDates J-RK (1812-1887) Alfred KRUPP German inventor, metallergist, and manufactures. Born at Essen, Prussia In 1852 he inveited a method for manufacturing weldless railway tires. His stell siege gun, fast made in 1847 was adopted by the Pressianarmy (1861). It was used with such success in the war of 1870-1871 as to

bring Krupp works world-wide forme. The Hough works at Essen,

Anne, Kil and Gracon in mogditung employed about 43,100 persons si 1908